

Welcome to: Meeting Transmission Challenges in the Rocky Mountain Region

June 21, 2011

Rocky Mountain Innosphere
Fort Collins, CO

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U.S. DEPARTMENT OF
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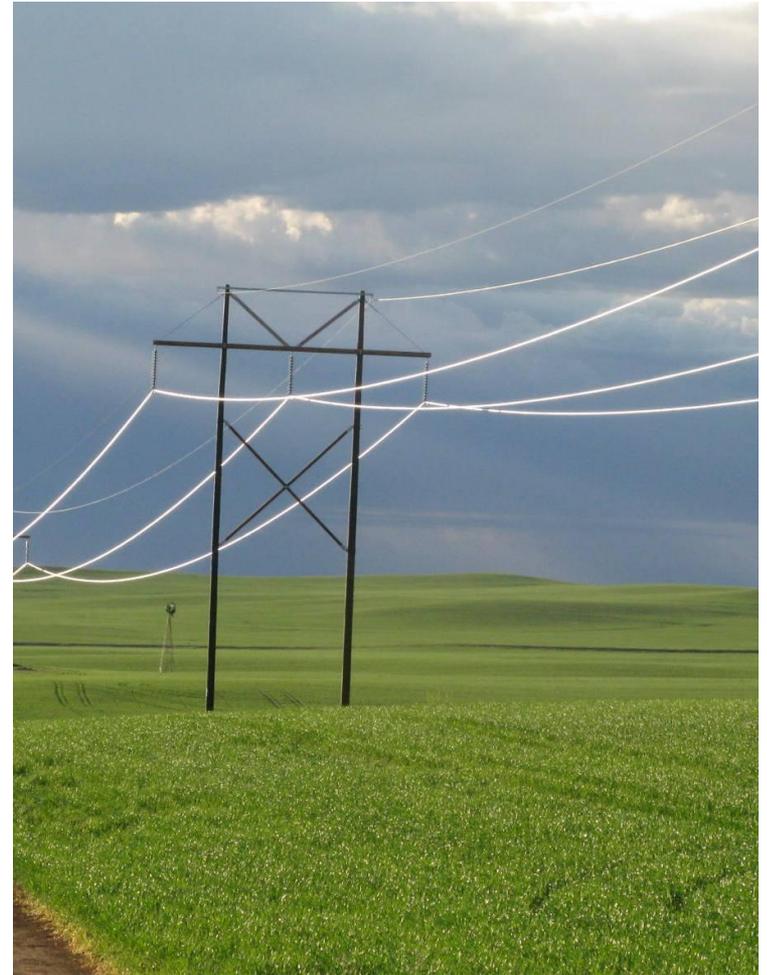
Energy Efficiency &
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What is the Western Area Power Administration?

- Power marketing administration, under the U.S. Dept of Energy
- Wholesale electricity supplier, 57 hydropower plants, 10,479 MW capacity
- 682 long-term/firm power preference customers



Western's Core Mission

- Maintain long-standing core business of marketing and reliably delivering clean, hydropower and transmission services to preference power customers at the lowest possible rates, using sound business principles

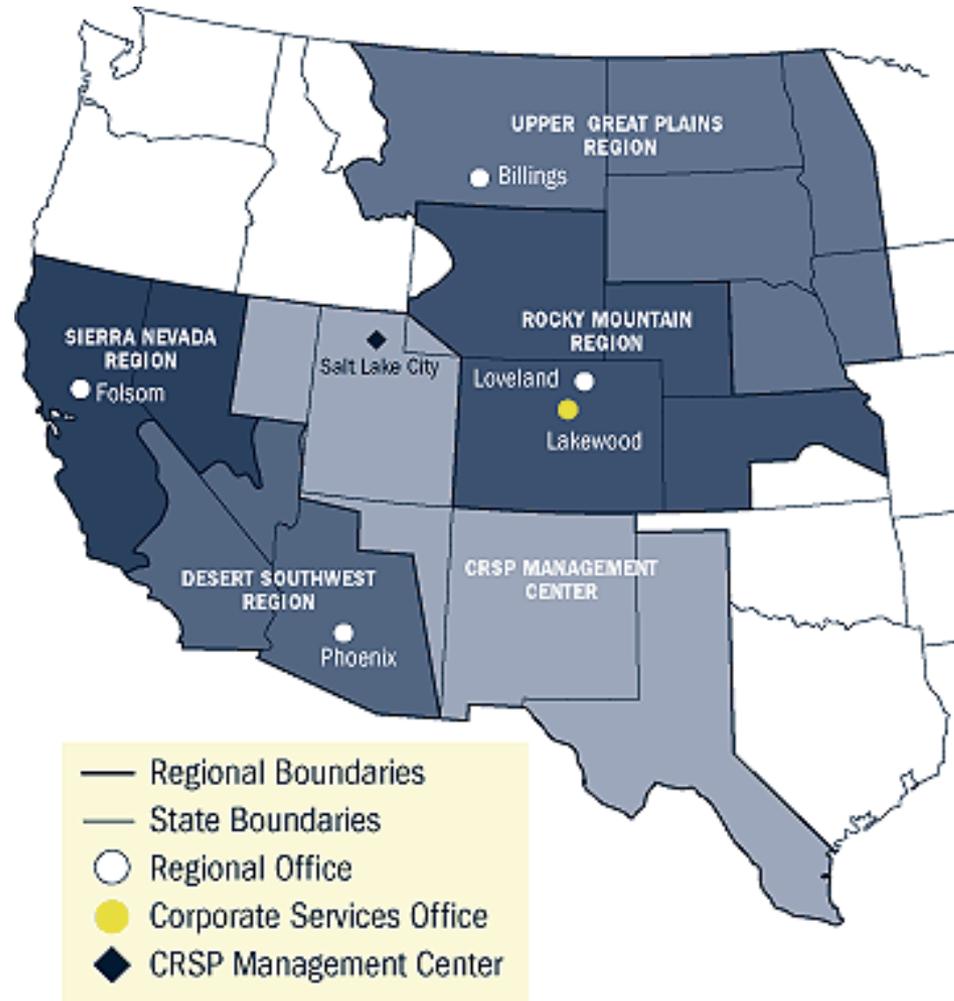
Western's Roles In Energy



Glen Canyon Dam, Arizona

- Market clean hydropower at cost-based rates
- Transmit it to customers, 17,000+ miles transmission
- Control parts of the energy grid
- Manage interties
- Provide open access to transmission

Western's Service Territory

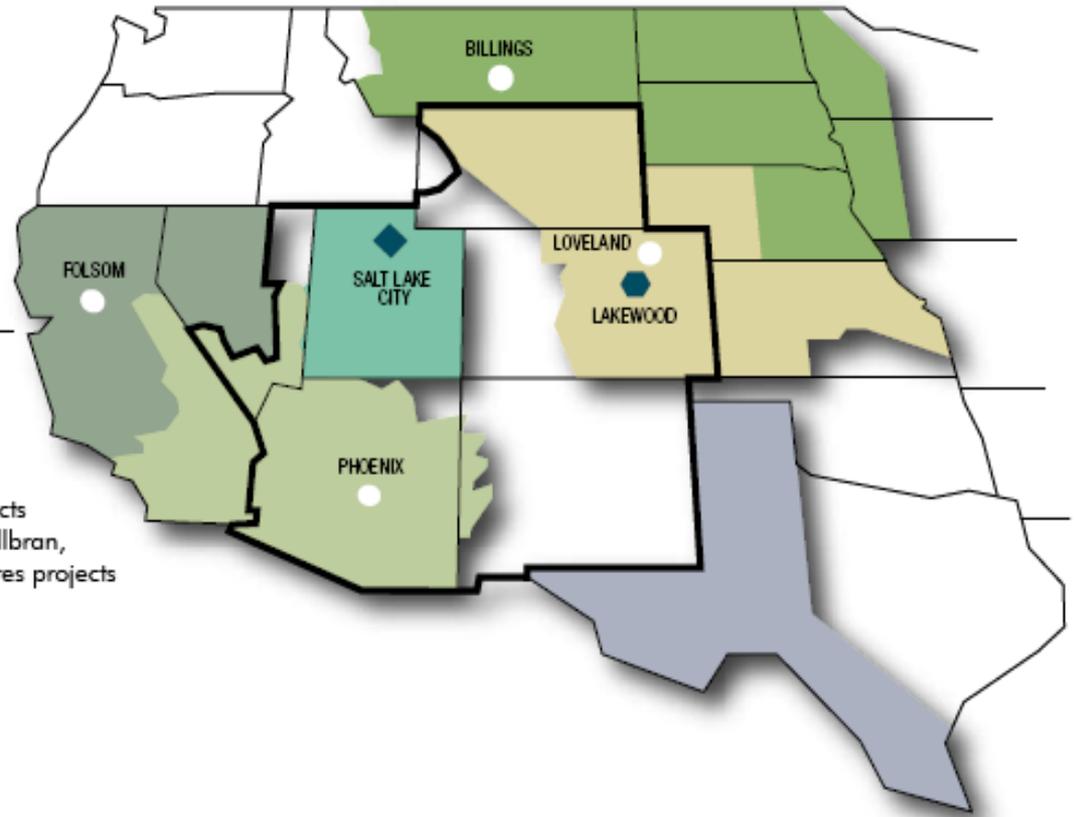


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Western's Marketing Areas

MARKETING AREAS

- Central Valley and Washoe projects
- Parker-Davis, Boulder Canyon and Central Arizona projects
- Falcon-Amistad Project
- Provo River Project
- Loveland Area Projects
- Pick-Sloan Missouri Basin Program—Western Division and Fryingpan-Arkansas Project
- Pick-Sloan Missouri Basin Program—Eastern Division
- Salt Lake City Area/Integrated Projects
Colorado River Storage Project, Collbran, Rio Grande, Seedskaelee and Dolores projects
- State Boundaries
- Regional Office
- Corporate Services Office
- ◆ CRSP Management Center

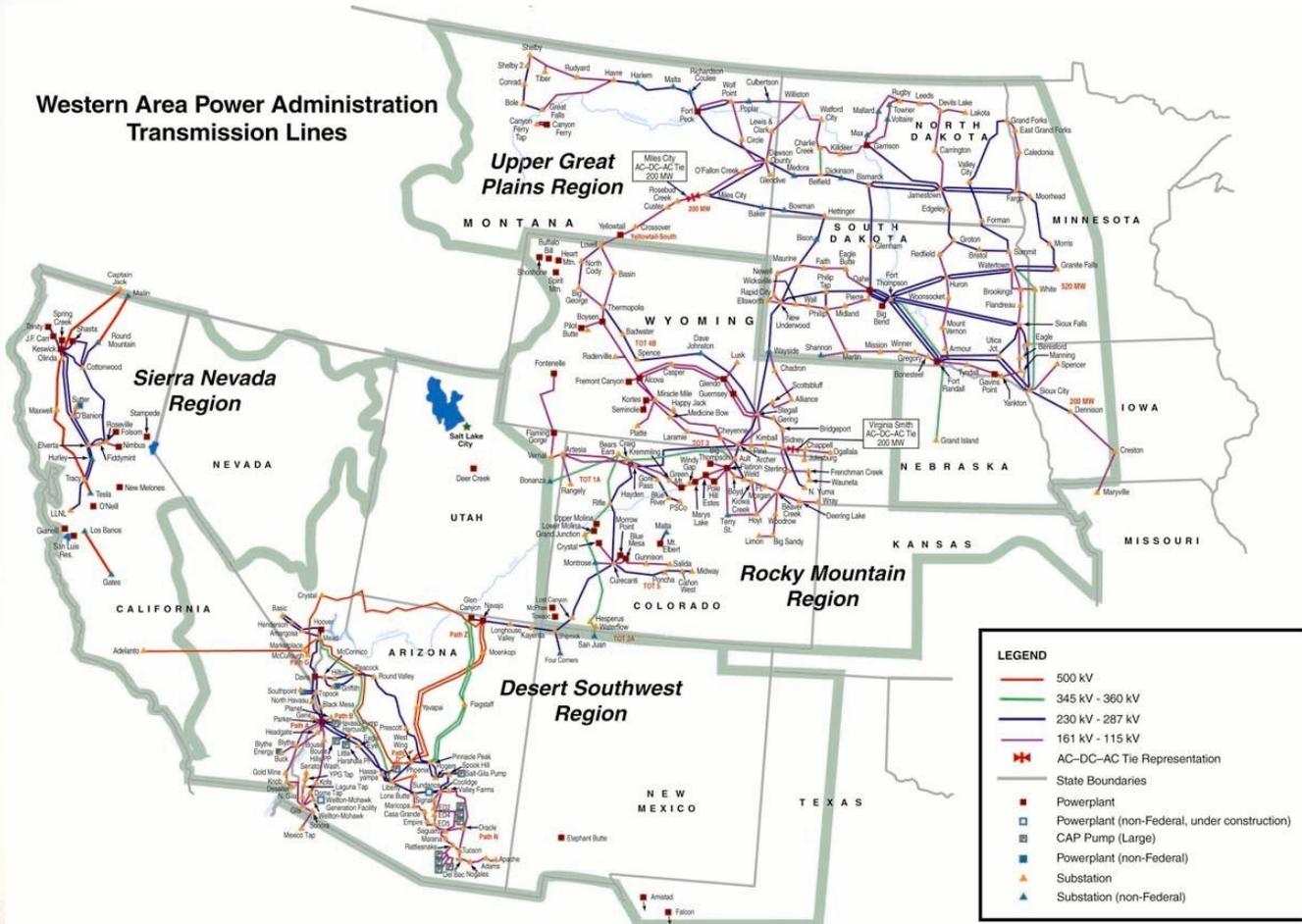


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Western Transmission System

~17,000 Miles Over 15 States

Western Area Power Administration Transmission Lines



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Western At A Glance

MARKETING PROFILE FY 2010

Long-term energy sales	31.8 billion kWh
Pass-through energy sales	1.0 billion kWh
Other energy sales	4.5 billion kWh
Total	37.3 billion kWh

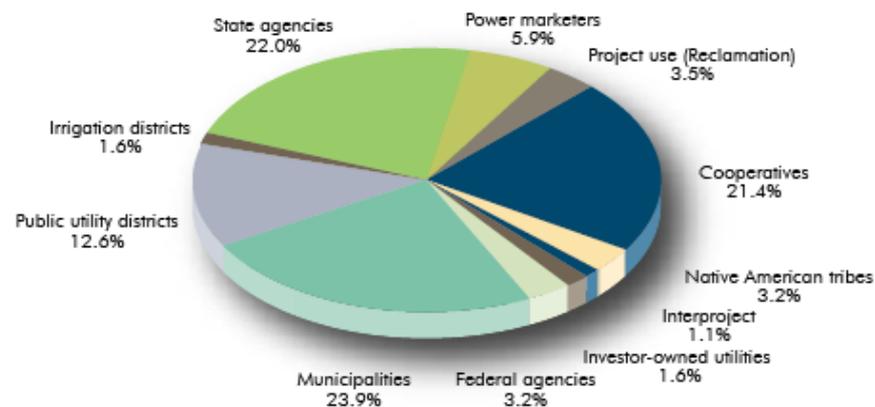
ASSETS

Powerplants	57
Installed capacity (MW)	10,479
Net generation 2010 (GWh)	28,119
Substations	315
Transmission line miles	17,107

FINANCIAL PROFILE

Sales of electric power	\$1,078.5 million
Total operating revenues	\$1,425.9 million
Total operating expenses	\$1,177.7 million
Purchased power and transmission expenses	\$525.8 million

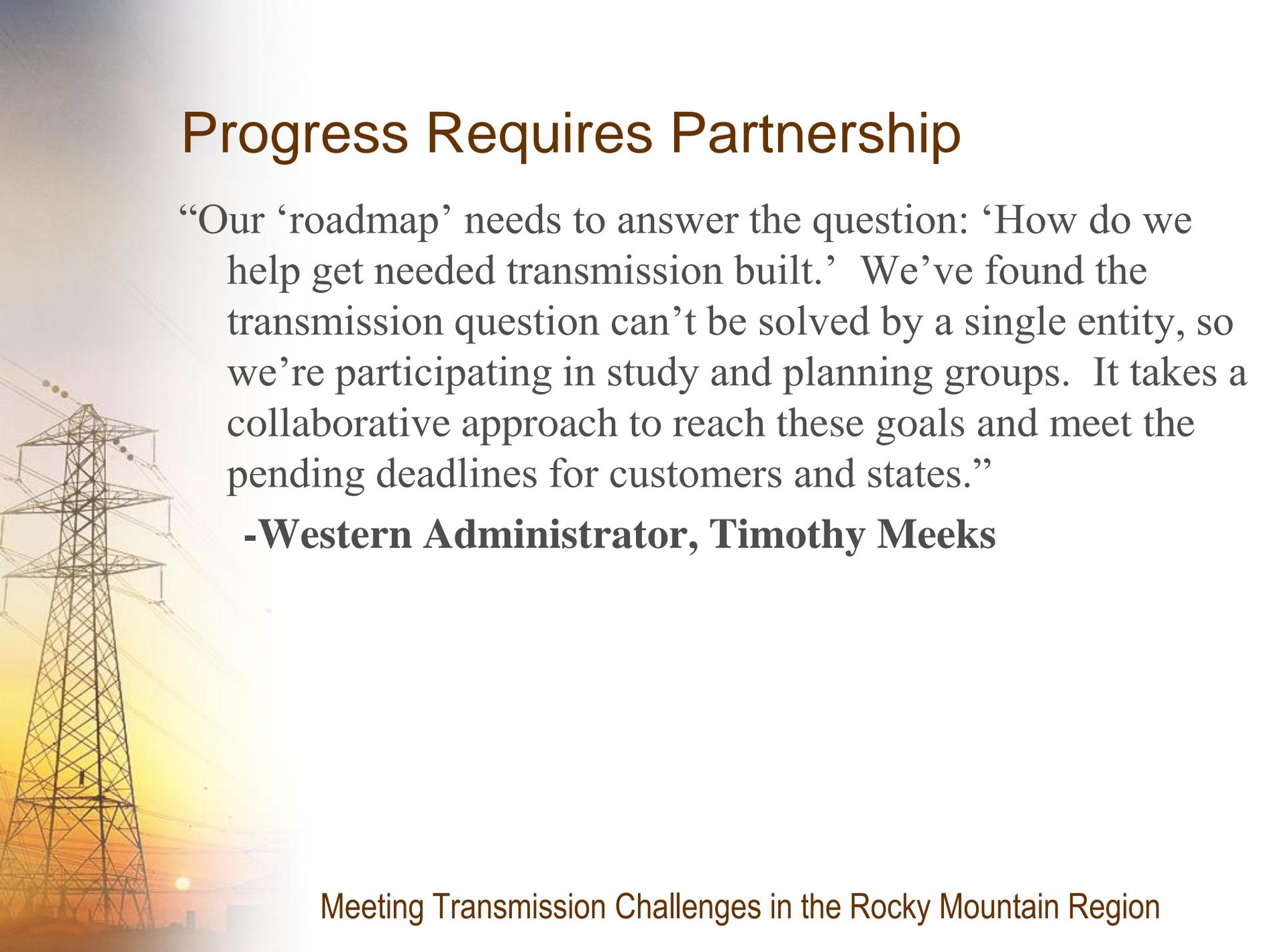
WHERE OUR ENERGY GOES (MWh)



OUR PEOPLE

Customers	682
Employees	1,417

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Progress Requires Partnership

“Our ‘roadmap’ needs to answer the question: ‘How do we help get needed transmission built.’ We’ve found the transmission question can’t be solved by a single entity, so we’re participating in study and planning groups. It takes a collaborative approach to reach these goals and meet the pending deadlines for customers and states.”

-Western Administrator, Timothy Meeks



Purpose of the Workshop

- Stakeholder communication with transmission customers, Tribes, developers, State and Federal agencies, and utilities
- Provide an overview of Western RMR's Transmission Planning and Business Unit
- Provide an opportunity for open discussion on overcoming transmission challenges in the region
- Meet local transmission planning process requirements for FERC Order 890 as outlined in Western's OATT

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Time	Topic	Speaker
9:00 – 9:10 am	Welcome	Brad Warren Western
9:10 – 9:40 am	Understanding Western’s Transmission Services Organization	Ron Moulton Western
9:40 – 10:10 am	Overview of Western’s Transmission Business Unit Activities	Mike McElhany Western
10:10 – 10:20 am	Break	
10:20 – 10:50 am	Overview of Western’s Transmission Planning Activities	Bob Easton Western
10:50 – 11:20 am	Western’s Transmission Infrastructure Program (TIP)	Craig Knoell Western
11:20 – 11:40 am	Overview of Western Ancillary Services	Raymond Vojdani Western

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Time	Topic	Speaker
11:40 – 12:00 pm	New Transmission Development in Wyoming	Loyd Drain WIA
12:00 – 12:50 pm	Box Lunch Speaker: Western Renewable Energy Zone Update	Jeff Hein NREL
12:50 – 1:10 pm	Transmission Developments in New Mexico	Jeremy Turner NMRETA
1:10 – 1:30 pm	Report by CO GEO on its Strategic Transmission and Renewables (STAR) Report	Morey Wolfson CO GEO
1:30 – 1:45 pm	Break	
1:45 – 2:15 pm	Proposed West-Wide Energy Imbalance Market	Joe Taylor Xcel Energy Services
2:15 – 3:30 pm	Expert Technical Roundtable Discussions	
3:30 – 4:00 pm	Workshop Wrap-Up	